Index of Claims

| Appli | cation | /Contr | ol No. |
|-------|--------|--------|--------|
|-------|--------|--------|--------|

09/839,000

Examiner

Jamieson W. Fish

Applicant(s)/Patent under Reexamination

NAKANO ET AL.

Art Unit

2616

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ń | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|          | Claim Date |         | Olain  |  |  |  |  |  |  |          |             | _        | Claim Date                                       |          |          |           |          |           |          |          |          |           |          |              |              |   |          |   |          |                |           |  |
|----------|------------|---------|--|--|--|--|--|--|--|----------|-------------|----------|--|----------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|--------------|--------------|---|----------|---|----------|----------------|-----------|--|
| Cla      | aim        | Date    |  |  |  |  | Cla  | Claim Date                                       |  |          |             |          |  |          |          |           | <u>C</u> | laım      | Date     |          |          |           |          |              |              |   |          |   |          |                |           |  |
| Final    | Original   | 12/7/04 |  |  |  |  |  |  |  |          | Final       | Original |  |          |          |           |          |           |          |          |          | Final     | Original |              |              |   |          |   |          |                |           |  |
|          | 1          | 1       |  | $\vdash$   |  |  |  |  | -  |          |             | 51       | <del>                                     </del> |          |          | -         |          | $\dashv$  |          |          | -        | $\vdash$  | 101      | ┢╾           | $\dashv$     |   |          |   |          | $\dashv$       |           | _  |
|          | 2          | Ì       | $\vdash$   | ⊢  |  |  | ├─   |  | -  |          |             | 52       | Η.   | $\vdash$ |          |           |          | $\dashv$  |          |          | $\vdash$ | -         | 102      | -            | $\vdash$     |   |          | _ | $\vdash$ | $\dashv$       |           |  |
|          | 3          | 1       | $\vdash$   | ┢  |  |  |  | H  |  | $\dashv$ |             | 53       |  | -        |          |           |          | $\dashv$  |          |          |          |           | 103      | ┝╌           | H            | _ |          |   |          | $\dashv$       |           | <b></b>  |
|          | 4          | 1       |  | ╁  |  | -  |  |  |  | $\dashv$ |             | 54       | -  | Н        |          |           | -        |           |          |          | $\dashv$ |           | 104      | -            | $\dashv$     | _ |          | _ |          | $\dashv$       | -         | $\vdash$   |
| -        | 5          | .√      |  |  |  |  | -  |  |  |          | -           | 55       |  |          |          |           |          |           |          |          | $\vdash$ | <b></b> - | 105      | ┝╌           | $\dashv$     |   | $\vdash$ |   |          | $\dashv$       |           |  |
| -        | 6          | 1       |  | ┢  |  |  |  |  |  | $\dashv$ |             | 56       | -  | -        |          |           |          |           |          |          | _        | <b>-</b>  | 106      | -            | $\vdash$     |   | -        |   |          | $\dashv$       |           |  |
| -        | 7          | 1       |  |  |  | ┢  | -  |  |  |          | -           | 57       |  |          |          |           |          | $\cdot$   | -        | _        |          | -         | 107      |              |              |   | -        |   | -        | $\dashv$       |           | <b></b>  |
|          | 8          | 1       |  | H  | -  | H  | 1  |  | -  |          | -           | 58       |  | Н        | -        | _         |          |           |          |          | H        |           | 108      | 1            | $\vdash$     |   | -        | _ |          | $\dashv$       |           | <del> </del>                                     |
| i –      | 9          | 1       | -  | ┢  | -  | <del> </del>                                     | ┢  | <del> </del>                                     |  |          | <u> </u>    | 59       | $\vdash$   | Н        |          | _         |          |           |          |          | H        |           | 109      | ├─           | $\vdash$     |   | Н        |   |          | -              |           | <del>                                     </del> |
|          | 10         | 1       |  |  |  |  |  | -  |  | $\vdash$ | -           | 60       |  | -        |          | _         |          |           |          | $\vdash$ |          | _         | 110      | ┢            | H            |   |          |   |          | $\dashv$       |           | <del> </del>                                     |
| -        | 11         | 1       | -  | ├  |  | <del> </del>                                     | <del> </del>                                     | ╁  |  | $\vdash$ |             | 61       | -  |          |          |           |          | -         | _        | $\vdash$ | -        | _         | 111      | ┢            | $\dashv$     |   |          |   | -        | $\dashv$       |           | <u> </u>   |
| $\vdash$ | 12         | 1       |  | $\vdash$   |  |  |  | H  | -  | $\vdash$ |             | 62       |  |          |          | _         |          |           | -        |          | Н        |           | 112      | -            | -            |   |          |   |          |                |           | _  |
|          | 13         | 1       | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | $\vdash$ |             | 63       | <del> </del>                                     | $\vdash$ |          |           | $\vdash$ |           | _        | $\vdash$ | $\vdash$ | <b>——</b> | 113      | $\vdash$     | $\vdash$     |   |          |   | $\vdash$ | $\dashv$       |           |  |
|          | 14         | 1       | <del> </del>                                     | <del> </del>                                     | ┢  | <del>  -</del>                                   | ╁┈   | <del> </del>                                     |  | $\vdash$ |             | 64       |  |          |          |           | H        |           |          |          | $\vdash$ |           | 114      | -            | $\vdash$     |   |          |   | $\vdash$ | $\dashv$       |           |  |
|          | 15         | 1       |  | H  | $\vdash$   | t  | $\vdash$   | <del> </del>                                     |  | $\vdash$ | -           | 65       | $\vdash$   | $\vdash$ |          |           | $\dashv$ | $\dashv$  |          |          | H        | 1         | 115      |              | $\vdash$     |   |          |   |          | -              |           |  |
| <b>—</b> | 16         | V       |  | $\vdash$   |  |  |  |  |  |          |             | 66       |  |          | $\neg$   | _         |          |           | _        |          | Н        |           | 116      | <del> </del> |              |   |          |   |          | $\dashv$       |           |  |
| -        | 17         | V       |  | H  |  | $\vdash$   | $\vdash$   |  |  |          | -           | 67       |  | _        |          |           | T        | T i       |          |          | $\Box$   |           | 117      | <del> </del> | $\vdash$     |   |          |   |          | $\exists$      |           |  |
|          | 18         | 1       |  | -  | -  | ┼─   | <del>                                     </del> | ┢  | _  |          | $\vdash$    | 68       |  |          | $\dashv$ | _         |          | _         |          | -        | H        |           | 118      | $\vdash$     | $\vdash$     |   |          | _ |          | $\neg \dagger$ |           |  |
| -        | 19         | 1       | $\vdash$   | $\vdash$   | ╁  | $\vdash$   | $\vdash$   | $\vdash$   |  |          |             | 69       |  |          |          |           |          | _         | _        |          |          |           | 119      | $\vdash$     | $\dashv$     |   |          | _ |          | $\dashv$       | $\dashv$  | $\overline{}$                                    |
|          | 20         | V       |  | <del>                                     </del> | -  | <del>                                     </del> | -  | <del> </del>                                     |  |          | <del></del> | 70       |  |          |          | $\exists$ | $\dashv$ | $\dashv$  | $\dashv$ |          | Н        |           | 120      | -            | $\vdash$     |   |          | _ |          | $\dashv$       | $\dashv$  |  |
|          | 21         | 1       |  |  |  |  |  | H  |  |          |             | 71       |  |          |          |           | $\dashv$ |           |          |          | $\vdash$ |           | 121      |              | $\dashv$     |   | - "      |   |          | $\dashv$       | $\dashv$  | _  |
|          | 22         | Ì       |  | H  | ┢  | 1  | 一  | H  | $\vdash$   |          |             | 72       |  |          | $\dashv$ |           |          |           |          |          | H        |           | 122      | ┝╌           | $\vdash$     |   |          |   |          |                |           |  |
|          | 23         | Ė       |  | H  |  |  | i –  |  |  |          |             | 73       |  |          |          | $\neg$    | $\neg$   | 7         |          | _        | $\vdash$ |           | 123      | -            | H            |   |          | - |          | $\dashv$       |           |  |
|          | 24         |         | _  | $\vdash$   | $\vdash$   |  | ┢  | <b>†</b>   | <del>                                     </del> |          |             | 74       |  |          | $\dashv$ |           | $\dashv$ |           |          |          | Н        |           | 124      | t-           |              |   |          |   |          |                |           |  |
|          | 25         |         |  | $\vdash$   | T  | $\vdash$   |  |  |  | $\Box$   |             | 75       |  |          | -        | $\neg$    |          |           |          |          | Н        |           | 125      | -            | $\Box$       |   |          |   |          | $\exists$      | $\dashv$  |  |
|          | 26         |         |  | <u> </u>   |  |  |  |  |  |          |             | 76       |  |          | $\neg$   | $\neg$    |          |           |          |          |          |           | 126      |              |              |   |          |   |          | $\exists$      | $\dashv$  |  |
|          | 27         |         |  |  |  | <u> </u>   | ┢  | 1  | $\vdash$   | _        |             | 77       |  |          |          |           |          |           |          |          |          |           | 127      |              |              |   | _        |   |          | $\neg$         |           |  |
|          | 28         | _       | <del>                                     </del> | <b>†</b>   | 1  |  | t  |  |  |          |             | 78       |  |          |          | $\neg$    |          |           |          |          |          | -         | 128      |              |              |   |          |   |          | $\exists$      | $\dashv$  |  |
|          | 29         |         |  |  | _  | <u> </u>   |  |  |  |          |             | 79       |  |          |          |           |          |           |          |          |          |           | 129      |              |              |   |          |   |          | $\exists$      | $\exists$ |  |
|          | 30         |         | Г  | T  |  |  | <b>-</b>   |  |  |          |             | 80       |  |          |          | _         |          | T         | $\neg$   |          |          |           | 130      |              |              |   |          |   |          | コ              |           |  |
|          | 31         |         | $\vdash$   |  |  |  |  |  |  |          |             | 81       |  |          |          |           |          |           |          |          |          |           | 131      |              |              |   |          |   | _        | $\neg$         | $\neg$    |  |
|          | 32         |         |  |  |  | Г  |  |  |  |          |             | 82       |  |          |          |           |          |           |          |          |          |           | 132      |              | T            |   |          |   |          |                | $\neg$    |  |
|          | 33         |         |  |  |  |  |  |  |  |          |             | 83       |  |          |          |           |          |           |          |          |          |           | 133      |              |              |   |          |   | ,        |                |           |  |
|          | 34         |         |  |  |  |  |  |  |  |          |             | 84       |  |          |          |           |          |           |          |          |          |           | 134      |              |              |   |          |   |          | ▔              |           |  |
|          | 35         |         |  |  |  |  |  |  |  |          |             | 85       |  |          |          |           |          |           |          |          |          |           | 135      |              |              |   |          |   |          | $\Box$         | $\Box$    |  |
|          | 36         |         |  |  |  |  |  |  |  |          |             | 86       |  |          |          |           |          |           |          |          |          |           | 136      |              |              |   |          |   |          |                |           |  |
|          | 37         |         |  |  |  |  |  |  |  |          |             | 87       |  |          |          |           |          |           | _        |          |          |           | 137      |              |              |   |          |   |          | $\Box$         |           |  |
|          | 38         |         |  | L  | L  |  |  |  |  |          |             | 88       |  |          |          |           |          | $\exists$ |          |          |          |           | 138      |              |              |   |          |   |          |                |           |  |
|          | 39         |         |  |  |  |  |  |  |  |          |             | 89       |  |          |          |           |          |           |          |          |          |           | 139      |              |              |   |          |   |          | $\Box$         |           |  |
|          | 40         |         |  |  |  |  |  |  |  |          |             | 90       |  |          |          |           |          |           |          |          |          |           | 140      |              |              |   |          |   |          |                |           |  |
|          | 41         |         |  |  |  | L  |  |  | L  |          |             | 91       |  |          |          |           |          |           |          |          |          |           | 141      |              |              |   |          |   |          |                |           |  |
|          | 42         |         |  |  |  |  |  |  |  |          |             | 92       |  |          |          |           |          |           |          |          |          |           | 142      |              | $\Box$       |   |          |   |          | ╝              |           |  |
|          | 43         |         | L  | L  |  | L  |  |  | L  |          |             | 93       |  |          |          |           |          |           |          |          |          |           | 143      | L            | $oxed{oxed}$ |   |          |   |          |                |           | Ĺ  |
|          | 44         |         |  |  |  |  |  |  |  |          |             | 94       |  |          |          |           |          |           |          |          |          |           | 144      |              |              |   |          |   |          |                |           | Ĺ  |
|          | 45         |         |  |  |  |  |  |  |  |          |             | 95       |  |          |          |           |          |           |          |          |          |           | 145      |              | Ш            |   |          |   |          |                |           |  |
|          | 46         |         |  |  | L  | $\Box$   | 匚  |  |  |          |             | 96       |  |          |          |           |          |           |          |          |          |           | 146      | _            | LI           |   |          |   |          | $\Box$         |           |  |
|          | 47         |         |  |  |  |  | L.   |  |  |          |             | 97       |  |          |          |           |          | $\Box$    |          |          |          |           | 147      | Ш            |              |   |          |   |          | $\Box$         |           |  |
|          | 48         |         |  |  |  |  |  | L  |  |          |             | 98       |  |          |          |           |          |           |          |          | $\Box$   |           | 148      | _            | $\sqcup$     |   |          |   |          |                | $\Box$    | _  |
|          | 49         |         |  |  |  | _  | <u></u>  | <u> </u>   | <u></u>  |          |             | 99       | oxdot  |          |          |           | [        |           |          |          |          |           | 149      | _            |              |   |          |   |          |                | $\square$ |  |
|          | 50         |         |  | i  |  | ł  |  | 1  |  |          | 1           | 100      |  | i i      |          |           | T        | 1         |          |          |          | 1         | 150      |              |              |   |          |   |          | . 1            | . 1       |  |